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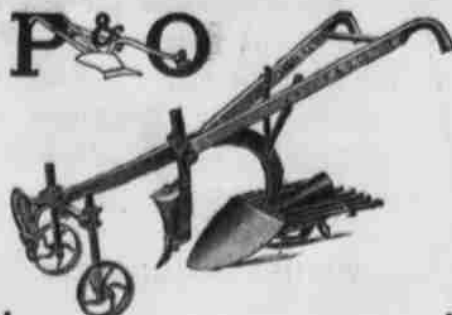
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You need the P. & O. Potato Digger not only as a matter of economy, but for results. The potato digging season comes when help is scarce and expensive, at a time when they leave the farm for the winter's work in the towns. Then is when you need labor-saving implements. At such times the P. & O. Potato Digger on a fair-sized patch,

**Will Pay for Itself
In a Single Day**

One man with a team and this digger will plow up more potatoes than a dozen men with hoes, and do it better, cleaner and more thoroughly. As this digger plows deep, it goes right under the hill, and turns up all the potatoes without cutting, bruising or loss.

The truck in front is adjustable either way, and holds the digger in line. The revolving fender prevents vines from clogging the beam. The shaker under the grate causes a continuous vibration that thoroughly sifts the potatoes from the soil, leaving them all exposed on the surface. The runners under the shaker carry the digger along evenly and smoothly, and prevents the jerking so common on other diggers, and makes them so hard to control. The P. & O. Potato Digger is the only one made with these runners. And last but not least, it is strong enough to last a lifetime.

It is a low priced digger within the reach of every farmer, and you cannot afford to be without one. Now is the time to see about it. Ask your dealer for the P. & O. Potato Digger, and insist on getting it.

Write for Beautifully Illustrated Pamphlet No. 49, of interest to every farmer, and a P. & O. Catalogue, which will be mailed free.

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Secretary Wilson, Dep't of Agriculture, says of this book: "I have looked over 'Shepherd Boy's' book on modern sheep, and believe it would be valuable for ready reference to the teacher, editor, lecturer and farmer."

It can be secured through this office at its published price of \$1.50, postpaid.

**Deseret Farmer
and
Modern Sheep
Both for \$2.00**

SOILING CROPS**SOILING CROPS FOR UTAH
DAIRY COWS**

We have received many requests for an outline of soiling crops applicable to conditions that obtain in Utah. Here we have a dry climate, but irrigation, and it is possible to secure even better results with soiling crops in this locality than in the east. The editor of this paper, has for a long time been an ardent advocate of the soiling system. There are those in the state however, who are working along animal husbandry lines, who do not agree with the writer on this question. There can be no question however on this that as a supplementary method to pasturage soiling should play a very important part in Utah dairying. A large part of the energy derived from the feeding is expended by cows in wandering over the pasture, and besides there is a very great loss in pasture grasses that are tramped under and destroyed.

We realize that the soiling system

involves considerable labor. The writer in using this method a few years ago, built a large rack into which enough feed could be placed to last two days. The cows were simply turned loose in the yard and allowed free access to the rack filled with green succulent crops. In addition to this each cow in the herd received from four to six pounds of grain per day, the amount being varied in accordance with the productive capacity of the cow. It should be stated that in addition, the cows received some dry lucerne. Invariably cows fed as these were would go to the manger for dry feed, and during one summer's season, a herd of ten cows kept on soiling crops, ate between three and four tons of dry lucerne.

The following outline gives a succession of crops that can be profitably used here.

It will be seen by this outline that the writer maintains that with the additions above mentioned, 2 1/6 acres of land are sufficient for a dairy herd

Proposed Succession of Soiling Crops for Dairy Cows in Utah.

Crop	Time of Seeding	Time of Cutting	Daily Feed per Cow	Acreage for 10 Cows
Fall Rye	Sept. 15-20	May 15 to June 1	40 lbs.	1/3
Lucern	—	June 1st to June 15th	42	1/3
Peas and Oats	Apr. 1-5	June 15th to June 25th	38	1/6
Peas and Oats	Apr. 5-10	June 25 to July 4	38	1/6
Lucern 2d Crop	—	July 4 to July 18	42	Same
Vetches and Oats	Apr. 20	July 18 to Aug. 1	38	1/3
Peas and Barley	May 1	Aug. 1 to Aug. 12	38	1/3
Field Corn	May 10	Aug. 12 to Aug. 25	42	1/6
Evergreen Corn	June 5	Aug. 25 to Sept. 5	38	Rye Land
Lucern 3d Crop	—	Sept. 5 to Sept. 20	42	Same
Lucern 3d Crop	—	Sept. 20 to Oct. 15	42	1/3
Total acreage for ten cows.				2 1/6 Acre.

of ten cows, from the 15th of May until the 15th of October. This means taking, of course, three crops of lucern from the same piece of ground and also means that the rye land is again re-seeded. This is considered good husbandry provided the ground is fertilized thoroughly after the removal of the crops.

In the opinion of the writer, who has made a very careful study of this question, extending over a number of years, there is absolutely no reason

for a large acreage in order to go into the dairy business. Nowhere in the world can dairying be emphasized to a greater extent than in our irrigated valleys. The population in this state in the agricultural district could be increased ten-fold if dairying could be adopted as it should be.

Did you ever contribute as much money to the church as you have lost on the races?